

## PRODUCT DATA SHEET

# Sikalastic® Rapid Cementitious Primer

Two component, fast-reactive primer for absorbent substrates

### PRODUCT DESCRIPTION

Sikalastic® Rapid Cementitious Primer is a rapid curing primer, consisting of two components. To be used on absorbent substrates as a barrier for the later application of Sikalastic® Rapid waterproofing or surfacing products.

### USES

- Used for the pre-treatment (primer and barrier coat) of slightly absorbent mineral and timber surfaces such as concrete, screed, cementitious renders, wood.
- For new construction and refurbishment projects

### CHARACTERISTICS / ADVANTAGES

- Very good adhesion on absorbent substrates
- Fast-curing
- Hydrolysis and alkali resistant
- Easy and fast application
- Solvent-free

### PRODUCT INFORMATION

<b>Chemical Base</b>	Two-component Polymethylmethacrylate (PMMA) Resin and catalyst	
<b>Packaging</b>	<b>SUMMER</b>	
	Sikalastic® Rapid Cementitious Primer	10.00kg
	Sikalastic® Rapid Catalyst	0.30kg (3 x 0.1kg)
	<b>Total</b>	<b>10.30kg</b>
	<b>WINTER</b>	
	Sikalastic® Rapid Cementitious Primer	10.00kg
Sikalastic® Rapid Catalyst	0.60kg (6 x 0.1kg)	
<b>Total</b>	<b>10.60kg</b>	
<b>Shelf Life</b>	Unopened products have a shelf life of at least 12 months.	
<b>Storage Conditions</b>	Store products sealed in their original airtight container and in a cool, dry and frost-free place. Direct sunlight on the containers should be avoided, including on site. After removing some of the contents, reseal the containers so they are airtight. Reference should also be made to the storage recommendations of the material safety datasheet.	
<b>Density</b>	1.08 g/cm <sup>3</sup> White	

## APPLICATION INFORMATION

<b>Consumption</b>	<b>Substrate</b>	<b>Consumption</b>
	Smooth	0.40kg/m <sup>2</sup>
	Fine-sandy	0.50 kg/m <sup>2</sup>
	Rough	0.80 kg/m <sup>2</sup>
<b>Ambient Air Temperature</b>	+3°C min / +35°C max	
<b>Relative Air Humidity</b>	The relative humidity must be ≤90%	
<b>Substrate Temperature</b>	+3°C min / +50°C max	
<b>Dew Point</b>	Beware of condensation. Surface temperature during application and cure must be a minimum of 3°C above dew point. The substrate temperature must not be less than +3°C if a topping is applied to the surface. Reaction problems can occur at lower temperatures.	
<b>Substrate Moisture Content</b>	The surface to be coated must be dry and ice-free. The surface must be protected from moisture until the coating has hardened. Substrates such as new concrete containing residual moisture can be coated provided they have set sufficiently and the substrate is properly prepared.	
<b>Pot Life</b>	The material in opened containers should be applied immediately. At 20°C, 3% catalyst the pot life is approximately 10 minutes	
<b>Waiting Time / Overcoating</b>	Once the primer has hardened, apply a second layer and top with a little quartz sand (0.1-0.2 kg/m <sup>2</sup> at 0.2mm – 0.6mm) while the primer is still wet. The sand topping creates the necessary key (roughness) for application of the mortar. Never apply the topping to the first coat of primer.	

## VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, please refer to the most recent Safety Datasheet.

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

The primer must only be applied to a prepared substrate. Please refer to the Sikalastic® Rapid Method Statement for further information on substrate preparation.

### MIXING

Use a twin-paddle stirrer to mix the product. First stir the tub contents thoroughly. Then add the Sikalastic® Rapid Catalyst while stirring the resin at the slow speed setting and mix for 2 minutes. Make sure that the product on the base and sides of the container is mixed in.  
At product temperatures <10°C the product should be stirred for 4 minutes, as the catalyst will take longer to dissolve.

### APPLICATION

Sheepskin roller  
Brush (only for areas not accessible with roller)  
Use the sheepskin roller to apply an even film-forming coat of primer. Avoid creating puddles of primer. Once the coating has cured, apply a second coat to cover any defects (bubbles, areas not fully coated).

### CLEANING OF TOOLS

If work is interrupted or when it is completed, clean the tools thoroughly with Sikalastic® Rapid Cleaner within the pot life of the material (approx. 10 minutes). This can be done with a brush. Do not use the tools again until the Cleaner has evaporated fully. Simply immersing the tools in the Cleaner will not prevent the material hardening.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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